CLAIMS

I claim:

A dialysis machine for performing kidney dialysis comprising:
an enclosure having a removable base;

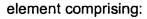
a front panel having associated a plurality of connectors, a plurality of smart function keys, a touch panel element and a voice activated sensor;

said front panel in communication with an electronic circuit element having a controller in communication therewith;

- a blood flow element including a hydraulic flow element; and a water reservoir and a power supply.
- 2. The dialysis machine as in claim 1 wherein said electronic board element further comprising:
- a processor module in communication with a data acquisition module; and

said data acquisition module in communication with an interface module.

- 3. The dialysis machine as in claim 1 wherein said electronic board element further comprising a video module in communication with said touch panel element, a laboratory display, an ECG display and a pulse display.
- 4. The dialysis machine as in claim 1 wherein said plurality of connectors comprise a blood pressure device input, an ECG device input and a pulse device input.
 - 5. The dialysis machine as in claim 1 wherein said blood flow



a blood pump and a dialyzer;

an arterial chamber having a transducer and a venous chamber having a venous transducer;

a port; and

said blood flow element in communication with said electronic board element and connectable to a patient blood flow system.

6. A dialysis machine for performing kidney dialysis comprising:

a blood flow element in communication with an electronic circuit element and a touch panel element; and

said blood flow element comprising:

a serial blood flow path;

a blood pump and a dialyzer;

an arterial chamber having a transducer and a venous chamber having a venous transducer; and

a port and said blood flow element connectable to a patient blood flow system.